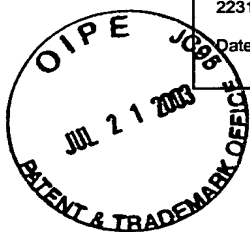


I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 18, 2003

Signature: [Signature]
(Jonathan A. David)



Group Art Unit: 3714
Docket No.: SCEI 3.0-029

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: :
Ogata et al. :
 :
Application No.: 09/658,174 : Group Art Unit: 3714
 :
Filed: September 8, 2000 : Examiner:
 : Coburn, Corbett B.
 :
For: CONTROL APPARATUS AND DETECTING :
DEVICE :

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated February 20, 2003, finally rejecting claims 1-15 and 17-42, and the Advisory Action dated May 27, 2003, please amend the above-identified U.S. patent application as follows:

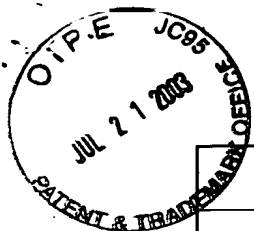
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JUL 24 2003

TECHNOLOGY CENTER R3700

07/22/2003 KZENDIE 00000015 121095 09658174

01 FC:1202 1296.00 DA
02 FC:1201 588.00 DA

**AMENDMENT TRANSMITTAL LETTER**Docket No.
SCEI 3.0-029Application No.
09/658,174Filing Date
September 8, 2000Examiner
Coburn, Corbett B.Art Unit
3714

Applicant(s): Hiroki Ogata, Kazusato Tagawa, Hiroyuki Nakazawa, Youtaro Sakakura, and Koji Mita

Invention: CONTROL APPARATUS AND DETECTING DEVICE

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TO THE COMMISSIONER FOR PATENTS

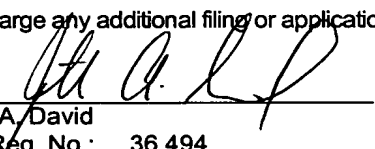
Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

TECHNOLOGY CENTER R3700

CLAIMS AS AMENDED

	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	130	- 58 =	72	x 18.00	1,296.00
Independent Claims	14	- 7 =	7	x 84.00	588.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					1,884.00

☒ Large Entity☐ Small Entity☐ No additional fee is required for this amendment.☒ Please charge Deposit Account No. 12-1095 in the amount of \$ 1,884.00.
A duplicate copy of this sheet is enclosed.☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 12-1095
as described below. A duplicate copy of this sheet is enclosed.☒ Credit any overpayment.☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.
Jonathan A. David
Attorney Reg. No.: 36,494Dated: July 18, 2003LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP
600 South Avenue West
Westfield, New Jersey 07090
(908) 518-6316

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Dated: July 18, 2003

Signature:  (Jonathan A. David)